

SEARCH REQUEST FORM

Examiner # (Mandatory): 60484 Requester's Full Name: ANDRES KACHNIKOW

Art Unit 3700 Location (Bldg/Room#): CP2-2A01 Phone (circle 305 306 (308) 1137)

Serial Number: 091686,468 Results Format Preferred (circle): (PAPER) DISK E-MAIL

Title of Invention _____

Inventors (please provide full names): _____

Earliest Priority Date: _____

Keywords (include any known synonyms registry numbers, explanation of initialisms):

*implantable non invasive rate-adjustable pumps
Ingram - McMillan
Medtronic*

Search Topic:

Please write detailed statement of the search topic, and the concept of the invention. Describe as specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples of relevant citations, authors, etc., if known. You may include a copy of the abstract and the broadcast or most relevant claim(s).

LIT SEARCH FOR 5,820,589

STAFF USE ONLY

Searcher: Jeanne Harrigan
Searcher Phone #: 305-5934
Searcher Location: CP2-2008
Date Picked Up: 3/8
Date Completed: 3/8
Clerical Prep Time: 17
Terminal Time: 3
Number of Databases: _____

Type of Search
☐ N.A. Sequence
☐ A.A. Sequence
☐ Structure (#)
☐ Bibliographic
☒ Litigation
☐ Fulltext
☐ Procurement
☐ Other

Vendors (include cost where applicable)
☐ STN
☒ Questel/Orbit
☒ Lexis/Nexis
☐ WWW/Internet
☐ In-house sequence systems (list)
☒ Dialog
☐ Dr. Link
☐ Westlaw
☐ Other (specify)

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INPADOC

**Basic Patent (Number,Kind,Date):** WO 9740872 A1 19971106**Patent Family:**

Patent Number	Kind	Date	Application Number	Kind	Date
AU 9727467	A1	19971119	AU 9727467	A	19970428
<u>US 5820589</u>	A	19981013	US 641363	A	19960430
WO 9740872	A1	19971106	WO 97US7114	A	19970428 (Basic)

Priority Data:

Patent Number	Kind	Date
US 641363	A	19960430
WO 97US7114	W	19970428

PATENT FAMILY:**Australia (AU)**

Patent (Number,Kind,Date): AU 9727467 A1 19971119
IMPLANTABLE NON-INVASIVE RATE ADJUSTABLE PUMP (English)
Patent Assignee: MEDTRONIC INC
Author (Inventor): TORGERSON NATHAN A; MCMULLEN RAYMOND
Priority (Number,Kind,Date): US 641363 A 19960430; WO 97US7114 W 19970428
Applic (Number,Kind,Date): AU 9727467 A 19970428
IPC: * A61M-005/142
Derwent WPI Acc No: * G 97-549504
Language of Document: English

United States of America (US)

Patent (Number,Kind,Date): US 5820589 A 19981013
IMPLANTABLE NON-INVASIVE RATE-ADJUSTABLE PUMP (English)
Patent Assignee: MEDTRONIC INC (US)
Author (Inventor): TORGERSON NATHAN A (US); MCMULLEN RAYMOND F (US)
Priority (Number,Kind,Date): US 641363 A 19960430
Applic (Number,Kind,Date): US 641363 A 19960430
National Class: * 604093000

IPC: * A61M-011/00
 Derwent WPI Acc No: * G 97-549504
 Language of Document: English

United States of America (US) - Legal Status

Number	Type	Date	Code	Text	
US 5820589	P	19960430	US AE	APPLICATION DATA (PATENT)	(APPL. DATA (PATENT))
				US 641363 A 19960430	
US 5820589	P	19960715	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST	
				MEDTRONIC, INC. 3000 CENTRAL AVENUE NE MINNEAPOLIS, MINNESOTA 55432 ; TORGERSON, NATHAN A. : 19960709; MCMULLEN, RAYMOND F. :19960708	
US 5820589	P	19981013	US A	PATENT	
US 5820589	P	20010206	US RF	REISSUE APPLICATION FILED	(REISSUE APPL. FILED)
				20001011	

World Intellectual Property Organization, PCT (WO)

Patent (Number,Kind,Date): WO 9740872 A1 19971106
 IMPLANTABLE NON-INVASIVE RATE ADJUSTABLE PUMP (English)
 Patent Assignee: MEDTRONIC INC (US)
 Author (Inventor): TORGERSON NATHAN A; MCMULLEN RAYMOND
 Priority (Number,Kind,Date): US 641363 A 19960430
 Applic (Number,Kind,Date): WO 97US7114 A 19970428
 Designated States: (National) AU; CA; JP (Regional) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE
 Filing Details: WO 130000 With international search report; Before expiration of time limit for amending the claims and to be republished in the event of the receipt of the amendments
 IPC: * A61M-005/142
 Derwent WPI Acc No: ; G 97-549504
 Language of Document: English

World Intellectual Property Organization, PCT (WO) - Legal Status

Number	Type	Date	Code	Text	
WO 9740872	P	19960430	WO AA	PRIORITY (PATENT)	
				US 641363 A 19960430	
WO 9740872	P	19970428	WO AE	APPLICATION DATA	(APPL. DATA)
				WO 97US7114 A 19970428	
WO 9740872	P	19971106	WO AK	DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT	(DESIGNATED STATES CITED IN A PUBLISHED APPL. WITH SEARCH REPORT)
				AU CA JP	
WO 9740872	P	19971106	WO AL	DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT	(DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPL. WITH SEARCH REPORT)
				AT BE CH DE DK ES FI FR GB GR IE IT LUMC NL PT SE	
WO 9740872	P	19971106	WO AI	PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL SEARCH REPORT	(PUB. OF THE INTERNATIONAL APPL. WITH THE INTERNATIONAL SEARCH REPORT)
WO 9740872	P	19971224	WO DFPE	REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE	
WO 9740872	P	19980204	WO 121	EP: PCT APP. ART. 158 (1)	(EP: PCT ANM. ART. 158 (1))
WO 9740872	P	19990305	WO NENP	NON-ENTRY INTO THE NATIONAL PHASE IN: JP 97539132	
WO 9740872	P	19991030	WO NENP	NON-ENTRY INTO THE NATIONAL PHASE IN: CA	
WO 9740872	P	19991124	WO 122	EP: PCT APP. NOT ENT. EUROP. PHASE	(EP: PCT ANM. NICHT IN EUROP. PHASE EING.)

INPADOC/Family and Legal Status

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QUESTEL SEARCH RESULTS FOR US PATENT 5820589
March 8, 2001

Cluster : LEGAL
Databases : LGST, CRXX, PAST, LITA
Search statement 1: us5820589/pn

Term not in index/PN-LITA : US5820589
LGST 1 [LEGAL STATUS]
CRXX 1 [CLAIMS, REISSUE, REASSIGN., REEXAM INFO]
PAST 1 [PATENT STATUS]
LITA 0 [LITIGATION ALERT]
** SS 1 : Results 3

1/3 LGST (1/1) - (C) LEGSTAT
PN - US 5820589 [US5820589]
AP - US 641363/96 19960430 [1996US-0641363]
DT - US-P
ACT - 19960430 US/AE-A
APPLICATION DATA (PATENT)
{US 641363/96 19960430 [1996US-0641363]}
- 19960715 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
MEDTRONIC, INC. 3000 CENTRAL AVENUE NE MINNEAPOLIS, MINNESOTA 55432 *
TORGERSON, NATHAN A. : 19960709; MCMULLEN, RAYMOND F. : 19960708
- 19981013 US/A
PATENT
- 20010206 US/RF
REISSUE APPLICATION FILED
20001011
UP - 2001-06

2/3 CRXX (1/1) - (C) CLAIMS/RRX
AN - 3053842
PN - 5,820,589 A 19981013 [US5820589]
PA - Medtronic Inc
PT - M (Mechanical)
ACT - 20001011 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010206
REISSUE REQUEST NUMBER: 09/686468
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3734

Reissue Patent Number:
UP - 2001-06
UACT- 2001-02-06

3/3 PAST (1/1) - (C) PAST
AN - 200106-001129
PN - 5820589 A [US5820589]
DT - A (UTILITY)
OG - 2001-02-06
CO - REA
ACT - REISSUE APPLICATION FILED
SH - REISSUE APPLICATION FILED

LEXIS/NEXIS SEARCH RESULTS FOR US PATENT 5,820,589
March 8, 2001

LEVEL 1 - 1 OF 1 PATENT

<5,820,589>

<=> GET 1st DRAWING SHEET OF 3

Oct. 13, 1998

Implantable non-invasive rate-adjustable pump

REISSUE: Reissue Application filed Oct. 11, 2000 (O.G. Feb. 6, 2001) Ex. Gp.:
3734; Re. S.N. 09/686,468

CORE TERMS: pump, implantable, valve, fluid, patient, telemetry, programmer,
reservoir, implanted, restrictor...
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5,820,589 OR 5820589

Your search request has found no [LAW] CASES.

Your search request has found no [LAW JOURNAL] ITEMS.

Your search request has found 2 STORIES through Level 1. [NEITHER STORY WAS
RELEVANT. IN BOTH, THE NUMBER "5820589" IS A MONETARY FIGURE.]